

EPA Application Form

4. Activity and Capacity

4.3.4 - Storage of Waste and Other Materials - Attachment

Organisation Name: *

Starrus Eco Holdings Limited

Application I.D.: *

LA007361

Amendments to this Application Form Attachment

Version No.	Date	Amendment since previous version	Reason
V.1.0	July 2017	N/A	Online application form attachment
V.1.0	March 2018	Identification of required fields	Assist correct completion of attachment

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* indicates required field

Storage of Waste and Other Materials

State the maximum amount of waste and other materials that will be stored on the site at any one time in the table below¹.

Waste/Other Material	Amount (tonnes) *
Waste accepted and in storage pending treatment:	600
Other materials (Non-waste) accepted, including non-waste feedstocks:	0
Capacity of treatment vessels and chambers:	NA
Treated waste, whether classified as waste or not:	1000

The quantities listed in the table are estimates and the actual amounts will be specified in the revised Waste Storage Plan that will be approved by the Office of Environmental Enforcement. This is dynamic document and subject to regular amendments to reflect market conditions and revisions for the Environmental Liabilities Risk Assessment, Fire Prevention Plans and the Firewater Retention Assessments.

List any other feedstocks to the treatment process not classified as waste. State 'none' if none. *

None

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¹ This should include waste and other materials in: (1) reception, inspection and quarantine areas; (2) storage pending treatment; (3) storage after treatment; and (4) vessels, chambers or tanks during treatment or processing.

* indicates required field

Waste and material outputs from waste activities (i.e., those subject to Waste licensing or class 11 of the First Schedule of the EPA Act)

Describe the waste and material outputs from the installation resulting from the treatment of waste. If no treatment is carried out on the waste, the waste outputs will be the same as the inputs.

If waste is treated, describe the nature and quantity of the treated waste and its onward fate/destination, and in particular whether it is sent for onward recovery or disposal operations.

If waste is treated and a material is produced that is no longer a waste, provide the rationale for such classification. The requirements of Article 28 of the European Communities (Waste Directive) Regulations 2011 should be addressed in any such rationale. Include the response in this attachment.

Site Processes

Existing

The EPA licence authorises the acceptance of 250,000 tonnes of non-hazardous municipal solid waste, commercial and industrial and construction and demolition waste. The majority of the wastes are processed to recovery recyclable materials and to manufacture solid recovered fuel (SRF), while the remainder of the wastes is compacted/bulked up to facilitate transport to other authorised facilities for additional treatment.

Mixed dry recyclables are sorted into the different types and these are then baled and stored before being sent for further treatment. Source separated wastes are baled and also stored before being sent off-site. Processed mixed solid wastes are accepted from other waste pre-treatment facilities and these are treated to remove recyclables, with the residues then further processed to produce SRF. The SRF is sent to cement kilns where it is used as a replacement for fossil fuels.

Food waste (brown bin) and mixed household waste (black bin) that contains odorous materials are accepted and stored in a section of one of the buildings that is fitted with an odour control system. It is then sent to other waste management facilities for further treatment.

Out of date packaged food from commercial operators is accepted and stored pending transfer to other treatment plants where the packaging is removed. This activity is authorised by the Department of Agriculture, Food and Marine under the Animal By-Products Regulations. Panda is awaiting approval from the Department to set up a depackaging plant in the building fitted with the odour control system. This will allow Panda to send the depackaged materials directly to biological treatment plants (e.g. composting).

Proposed

It is proposed to increase the annual waste intake from 250,000 to 450,000 tonnes and to amend permission FW19A/0145 to remove Condition 3b that limits the extended operational hours to 3 years from the final grant of permission.

There will be no changes to on site processes associated with the proposed increase in waste acceptance.

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For Soil Recovery Activities (only), please complete the following table:

All blank fields in the table are mandatory

Soil Recovery Activity Details	Input a value into ALL blank cells (where applicable)		
Volume of void to be filled and authorised by planning permission:			m ³
Quantity of waste soil and stone that is required to fill the void:			tonnes
Proposed annual intake of waste soil and stone:			tonnes per annum
Proposed duration to complete the fill:			years
Stage of fill: 'Not Commenced' OR 'Commenced':			
- If commenced: quantity of waste already deposited in the void: (Enter a value in both cells)		m ³	Tonnes
- Volume of void remaining:			m ³
Period of previous fill: (<Year> to <Year>):			
Quantity of fill authorised by planning permission: (Enter a value in both cells)		m ³	Tonnes
Waste Licence, waste facility permit, or certificate of authorisation number: (Attach copy in this document)			

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